

**STATE OF CALIFORNIA**  
**Base Year Modification Request Certification**  
**Part 1: Generation Study - No Extrapolation Diversion Data**

To request a substitution for a previously approved base year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

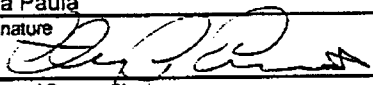
**California Integrated Waste Management Board**  
**Office of Local Assistance**  
**1001 I Street, (MS-25)**  
**PO Box 4025**  
**Sacramento, CA 95812-4025**

**General Instructions:**

Please select the **ONE** choice below that best explains your request to the Board.

- ☒ 1. Use a recent generation-based study to calculate our current reporting year generation amount, but not officially change our existing Board-approved base year.
- ☐ 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative by calling (916) 341-6199.

<b>Section I: Jurisdiction Information and Certification</b>			
<i>All respondents must complete this section.</i>			
I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:			
Jurisdiction Name City of Santa Paula		County Ventura	
Authorized Signature 		Title Public Works Superintendent	
Type/Print Name of Person Signing Anthony A. Emmert		Date 31 January 2002	Phone ( ) Include Area Code
Person Completing This Form (please print or type) Heidi Whitman		Title	
Affiliation: Whitman Work Group, 821 N. Signal St., Ojai, CA 93023			
Mailing Address	City	State	ZIP Code
	Santa Paula	CA	93060
E-Mail Address <a href="mailto:aemmert@ci.santa-paula.ca.us">aemmert@ci.santa-paula.ca.us</a>			

STATE OF CALIFORNIA

CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

Base Year Modification Request Certification

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Jurisdiction Name City of Santa Paula		County Ventura	
Authorized Signature		Title	
Type/Print Name of Person Signing	Date	Phone ( ) Include Area Code	
Person Completing This Form (please print or type)		Title	
Heidi Whitman			
Affiliation:	Whitman Work Group, 821 N. Signal St., Ojai, CA 93023		
Mailing Address	City	State	ZIP Code
	Santa Paula	CA	93060
E-Mail Address <a href="mailto:aemmert@ci.santa-paula.ca.us">aemmert@ci.santa-paula.ca.us</a>			

<b>Section II: Information for New Generation-Based Study for Existing or New Base Year</b>	
Attach additional sheets if necessary—reference each response to the appropriate cell number (e.g., "4").	
<i>Note: New base years must be representative of a jurisdiction's disposal and diversion.</i>	
1. Current Board-approved existing base year:	2. Proposed new generation-based study year:
1990	2000
3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:	
The proposed generation study year shows a slow but steady increase in diversion over the previous 4 annual reports in which a generation-based diversion was calculated. The City has a new, improved curbside program which may account for this year's improvements. Also, this year more businesses responded to the City's request for recycling tonnage information than last year.	

4. Enter diversion rate information below.			
Diversion rate calculated using existing base year	a. 12 %	Diversion rate calculated using new generation-based study	b. 37 %
For existing base year pounds/person/day based on generation	1.35	For new generation based study pounds/person/day based on generation	2
Residential generation 38 %	Non-Residential generation 62 %	Residential generation 23 %	Non-Residential generation 77 %
Population existing generation-based study 25062		Population new generation-based study 26900	
5. If there is an increase from 4a to 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples (e.g., change in jurisdiction's demographics).			
The City of Santa Paula, as well as the other western Ventura County cities who participated, has discussed errors of the 1990 Generation Study in previous Annual Reports. These errors include no inclusion of out-of-county disposal and inaccurate jurisdiction of origin information in the 1990 study. Since 1990 there have been many improvements including reporting of out-of-county disposal and surveys to determine jurisdiction of origin information. Although the proposed new generation tonnage results in an increase in per capita generation rate, the City believes that the 1990 per capita generation is too low and reflects the errors that have been previously identified.			
6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)			
The proposed diversion rate has been calculated using quantified diversion program tonnages. The City also has a new curbside recycling and green waste collection program with automated collection vehicles and automated containers. Since the program started, recyclable material volumes have increased by approximately 300%. This report documents diversion which the City was able to quantify and does not include all diversion activities going on within the City. For example, some businesses did not report that reported last year and there are some programs which are ongoing but were not quantified due to the resources necessary to quantify the diversion tonnage.			

7. Disposal Tonnage (enter values):	10785	23023	33808
	Residential	Non-Residential	Total

Please select the ONE choice below that best explains your disposal data and complete the required tables.

☐ a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)

☐ b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at [www.chwmb.ca.gov/LGCentral/Formshytrmdrq.doc](http://www.chwmb.ca.gov/LGCentral/Formshytrmdrq.doc))

☐ c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at [www.chwmb.ca.gov/LGCentral/Formshytrmdrq.doc](http://www.chwmb.ca.gov/LGCentral/Formshytrmdrq.doc))

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested. Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, agricultural wastes, inert solids (e.g., concrete, asphalt, dirt) white goods, and scrap metal, please identify those program/waste types and fill out Section 10. Please mark as Attachment 3 all copies of survey forms.

\*Please provide detailed Non-Residential waste information in Section 9.

Note: The Board has indicated that it will be scrutinizing total source reduction amounts greater than 2% of total generation. Please be prepared to provide additional details substantiating your claim.

Diversion Activity	Actual tons	Percent of Total Generation	Diversion Program Name(s) (List all on which you rely to substantiate diversion tonnage of other listed programs and sources)	Type of record and location of record
Please list the Board's program types. The program type primary is public at: <a href="http://www.chwmb.ca.gov/LGCentral/Formshytrmdrq.doc">www.chwmb.ca.gov/LGCentral/Formshytrmdrq.doc</a>				
Residential Source Reduction Activities				
Residential curbside recycling		0.0%		
Other Residential Source Reduction (list each program separately)				
Enter program name		0.0%		
Enter program name		0.0%		
Enter program name		0.0%		
Enter program name		0.0%		
Enter program name		0.0%		
Subtotal: Residential Source Reduction	0	0.0%		
Residential Recycling Activities				
Curbside Recycling			Commingled Recyclables: CRV, glass, metal cans, newspaper, OCC, magazines, mixed paper, #1 and #2 plastics	Actual hauler weights
Drop-off Centers	534	1.0%	CRV containers	Actual weights provided by DOC
Drop-off Centers	504	0.9%		Letter from DOC in City files
Other Residential Recycling (list each program separately)				
Enter program name				
Enter program name				
Enter program name				
Enter program name				
Enter program name				
Subtotal: Residential Recycling	1038	1.9%		
Residential Composting Activities				
Green Waste Drop-off				
Curbside Green Waste	535	1.0%	Green waste	Actual hauler weights
Christmas Tree Program	24	0.0%	Christmas Trees	Actual hauler weights
Other Residential Composting (list each program separately)				
Enter program name				
Enter program name				
Enter program name				
Enter program name				
Enter program name				
Subtotal: Residential Composting	559	1.0%		
Residential, Residential Diversion	1897	2.9%		
Non-Residential Source Reduction Activities				
New Residential Waste Audits	0	0.0%	See Section 9	See Section 9
Other Non-Residential Source Reduction (list each program separately)				
Grasscycling at parks	285	0.5%	grass	8 tons per acre, CHWMB Diversion Study Guide 1998, p.28
Commercial Roll-off Bin Sorting	117	0.3%	commingled recyclables	Actual hauler weights
Public Works Tree Mulching	285	0.5%	wood	Actual hauler weights
Cal Trans Pavement Reuse 10th St.	2174	4.0%	asphalt pavement	Actual hauler weights
Enter program name				
Subtotal: Non-Residential Source Reduction	3661	6.3%		
Non-Residential Waste Audits	6184	11.3%	See Section 9	See Section 9
Other Non-Residential Recycling (list each program separately)				
Non-franchise recycling	267	0.5%	OCC, aluminum, other recyclables	Weights provided by businesses
Commercial franchise #1 recycling route	549	1.0%	OCC, mixed paper	Weights provided by hauler
Commercial franchise #2 recycling route	344	0.6%	OCC, mixed paper	Weights provided by hauler
Enter program name				
Enter program name				
Subtotal: Non-Residential Recycling	7348	13.4%		
Non-Residential Composting Activities				
New Residential Waste Audits	349	0.6%	See Section 9	See Section 9
Other Non-Residential Composting (list each program separately)				
Green Waste Diversion	18	0.0%	Green waste	Weights provided by businesses
SCS Line Clearing/Mulching	80	0.1%	tree trimmings, wood	Weights provided by So. Calif. Edison
Greenwaste Diversion from Streets and Parks	147	0.3%	greenwaste	Actual hauler weights
Commercial Greenwaste	151	0.3%	greenwaste	Actual hauler weights
Enter program name				
Subtotal: Non-Residential Composting	796	1.4%		
Subtotal: Non-Residential Diversion	10848	20.0%		

Division Activity	Actual Tons	Relative Percent to Total Generation	Specific Material Type(s) (List operation, volume, material, or use here)	Specific Generation Factor Used (If any, and source)	Type of Receipt and Location of Receipt
Please use the Board's program types. The program type identifier is printed at www.ci.milwaukee.gov/33392/Pages/Use-Field-Id.htm	(N)	Actual Percent			
Real/Non-Residential Disposal Restrictions					
ADC					
Sludge	480	0.25%	non-hazardous municipal sludge	Actual hauler weights	Weigh slips in City files
Scrap Metal					
Construction and Demolition	8038	14.7%	asphalt and concrete	Ventura Countywide Inert Recycling, letter dated 8/23/01	Letter on file in City
Landfill Salvage					
Business/Industrial/Non-Residential Disposal	6488	16.8%			
Total Real/Non-Res Source Reduction Tons	7881	6.5%			
Total Diversion Tons	8194	38.4%			
Total Disposal Tons from Sec. 7	23519	61.6%			
Total Generation Tons (Div + Dis)	64882				
Diversion Rate	38%				

September 20-21, 2005

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based on total diversion tons. Audit reference number ties to your audit sheets.

[illegible]

Also provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name) diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors/sources. Include copies of survey form(s) used.

Summarize the non-residential diversion activities for the top 10 generators quantification methodology, and applicable conversion factors and sources (e.g., cardboard recycling; quantified by monthly tonnage receipts provided by the contact person at the business).

## Paper Recycling Businesses 1, 4

**Business 1 and 4 provided tonnage information on form provided by City.**

**OCC Recycling Businesses 2, 3, 5**

Business 2 provided tonnage information using actual weights, business 3 provided tonnage information using actual weights provided by their hauler, Business 5 was able to provide the number of bales recycled each month, City staff measured bale dimensions and used EPA conversion factor

## Food recycling Business 2

**Business 2 provided tonnage information using actual weights**

**Tire Reuse and Diversion** Business 6

Tire reuse was obtained from CIWMB Tire Diversion report. Please see file in City office for calculations.

Composting Business 7- Tonnage provided by composting facility

10. For each restricted waste type (i.e., agricultural waste, inert solids, [e.g. concrete, asphalt, dirt, etc.] scrap metals and white goods [PRC section 41781.2]) and associated program, please provide the following information:

a. If the diversion program started on or after January 1, 1990, complete the following table.

**Note:** program name refers to one specific diversion program for that waste type (e.g., "Diversion conducted by city public waste dept.").

Restricted Waste Type	Specific Program Name	Year Started	Tonnage
Inert Solids ▼	Countywide Inert Allocation, diversion provided by County Solid Waste		
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			

b. If the diversion program started before January 1, 1990 - and if documentation on the program and waste type has not been approved by the Board - on a separate sheet marked "Attachment 10b", provide the documentation that indicates:

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion (PRC sec. 41781.2 [c] [1]).
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (**Note:** this criterion is applicable to the entire jurisdiction, not to individual programs (PRC sec. 41781.2 [c] [2]). Please include documentation.
- That the jurisdiction is implementing, and will continue to implement, the diversion programs in its source reduction and recycling element.

**Note:** If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.

Instead please provide date of Board approval of previously submitted information.

(Date)

If documentation is not available, go to 10d.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New Base Year or Reporting Year Diversion Tonnage
Inert Solids ▼	Countywide Inert Allocation	8039
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. **Note:** Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.

Restricted Waste Type	Specific Program Name	New Base Year or Reporting Year Tonnage	1990 Diversion Tonnage	Difference
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				

**Business Audit Diversion for the City of Santa Paula 2000**

Reference Number	Business Type	Diversion Activity	Material Type	Conversion Factor and Source	Tons
1	Paper Manufacturer	Recycling	Paper scrap	Weights provided by company	3600
2	Market	Recycling	cardboard	Actual weights per business records	282
		Composting	food	Actual weights per business records	198
3	Discount Retail	Recycling	OCC	Bales measured, each bale 2.68 yards, EPA	279
4	Paper Packaging Mfg.	Recycling	Paper, plastic	Weights provided by company	239
5	Market	Recycling	cardboard	Bales measured, each bale 2.0 yards, EPA	208
6	Tire Stores	Reuse/Recycling	tires	Per capita rate from CIWMB Tire Report	179
7	Composting Facility	Composting	green waste	Actual weights provided by business	151

**Total Business Diversion 5,136.00**

**Material Handlers**

Reference Number	Entity	Diversion Activity	Material Type	Conversion Factor and Source	Tons
A-1	Commercial Collection	Recycling	Commingled recyclables	Actual weights per hauler	549
A-2	Buyback Centers	Recycling	CRV metals, glass	Actual weights per CA DOC records	504
A-3	Commercial Collection	Recycling	Commingled recyclables	Actual weights per hauler	344